

Please amend the claims as follows. This Listing of Claims will replace all prior versions, and Listings of Claims in the application:

Listing of Claims:

1 Claim 1 (Currently Amended): A method for executing processing tasks in a
2 distributed processing framework system including two or more processing resources, the
3 method comprising:
4 identifying a main task of a tasklist;
5 identifying a subtask of the main task;
6 allocating computing resources for the main task and the subtask prior to proceeding
7 to a next operation, the allocated computing resource including a first computing system and
8 a second computing system; the computer resources being part of the distributed processing
9 framework system and
10 deploying the main task to [[a]] the first computing system ~~that is part of the allocated~~
11 ~~computing resources~~, a code of the main task being executed on the first computing system,
12 the code of the main task having program instructions for requesting loading of a code for the
13 subtask to [[a]] the second computing system ~~that is part of the allocated computing~~
14 ~~resources~~, the code for the subtask is in client-server communication with the code for the
15 main task, such that the code for the main task receives processing results directly from the
16 code for the subtask,
17 wherein the first computing system is configured to be allocated to the main task
18 continuously until each aspect of the main task is executed or an aspect of the main task
19 causes an execution of the main task to discontinue, and further wherein the second
20 computing system is configured to be allocated to the subtask continuously until each aspect
21 of the subtask is executed or an aspect of the subtask causes an execution of the subtask to
22 discontinue.

1 Claim 2 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 1, wherein the processing results received
3 from the subtask are implemented to create a main task processing results to be
4 communicated to a system controller.

1 Claim 3 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 2, wherein the system controller releases the
3 allocated computing resources upon receiving the main task processing results from the main
4 task.

1 Claim 4 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 1, further including,
3 a plurality of subtasks in addition to the subtask, the plurality of subtasks configured
4 to be controlled by the main task.

1 Claim 5 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks within a tasklist by a system controller, the plurality of tasks configured to
3 be processed by a plurality of processing resources in a distributed processing framework
4 (DPF) system, the method comprising:

5 loading the tasklist, the tasklist having a main task and a subtask;
6 allocating processing resources to execute the main task and the subtask within the
7 tasklist before proceeding to a next operation, the allocated processing resources including a
8 first processing resource and a second processing resource, the first processing resource being
9 separate for the second processing resource;

10 deploying the main task to [[a]] the first processing resource for execution;
11 deploying the subtask to [[a]] the second processing resource once a special request
12 for the subtask is received from the main task; and

13 enabling communication between the main task and the subtask, the communication
14 configured to provide the main task with a result of a subtask execution,
15 wherein the first processing resource is configured to be allocated to the main task
16 continuously until each aspect of the main task is executed or an aspect of the main task
17 causes an execution of the main task to discontinue, and further wherein the second
18 computing resource is configured to be allocated to the subtask continuously until each aspect
19 of the subtask is executed or an aspect of the subtask causes an execution of the subtask to
20 discontinue.

1 Claim 6 (Original): The method of claim 5, further including,
2 communicating a result of a main task execution to the system controller, wherein the
3 system controller releases the plurality of processing resources upon receiving the result of
4 main task execution.

1 Claim 7 (Currently Amended): The method of claim 5, wherein allocating the
2 processing ~~resource~~ resources to execute ~~each task within the tasklist~~ the main task and the
3 subtask includes,
4 loading the tasklist by the system controller;
5 searching a registry service for the processing ~~resource~~ resources having a plurality of
6 attributes identical to a plurality of attributes of the main task and the subtask within the
7 tasklist; and
8 allocating the first and the second processing resources respectively having attributes
9 identical to the ~~the~~ the main task and the subtask to the execution of the main task and
10 subtask correspondingly having the identical attributes.

1 Claim 8 (Previously Presented): The method of claim 7, wherein deploying the
2 subtask to the second processing resource once the special request for the subtask is received
3 from the main task includes,

4 dispatching the special request to the system controller, the special request configured
5 to include the plurality of attributes of the subtask;
6 searching the tasklist, the searching configured to locate the subtask having the
7 plurality of attributes included in the special request; and
8 deploying the located subtask to the second processing resource having the plurality
9 of attributes identical to the plurality of attributes of the subtask.

1 Claim 9 (Original): The method of claim 8, wherein the registry service is a look up
2 service.

1 Claim 10 (Original): The method of claim 5, wherein the DPF is a distributed test
2 framework (DTF) system.

1 Claim 11 (Original): The method of claim 5, wherein the main task is operated on a
2 processing resource server.

1 Claim 12 (Original): The method of claim 5, wherein the subtask is operated on a
2 processing resource client.

1 Claim 13 (Original): The method of claim 5, wherein the main task is a test harness.

1 Claim 14 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks by a system controller, the plurality of tasks configured to be processed by a
3 plurality of processing resources in a distributed processing framework (DPF) system, the
4 method comprising:

5 loading [[a]] the plurality of tasks to be executed;
6 allocating a ~~respective~~ separate processing resource to execute each task of the
7 plurality of tasks prior to proceeding to a next operation;

8 deploying each task to ~~the~~ a respective processing resource at the same time;
9 receiving a result task from each respective processing resource upon a conclusion of
10 each task; and
11 releasing the plurality of processing resources upon receiving the result task from
12 each of the plurality of processing resources.

1 Claim 15 (Currently Amended): The method of claim 14, wherein the operation
2 of allocating the respective processing resource to execute each task of the plurality of tasks
3 includes,

4 searching a registry service for the processing resource having a plurality of attributes
5 identical to a plurality of attributes of each task; and
6 allocating each of the processing resources having a plurality of attributes identical to
7 the plurality of each ~~of the tasks~~ task to the execution of the task having the identical
8 attributes.

1 Claim 16 (Original): The method of claim 14, wherein the DPF system is a
2 distributed test framework system.

1 Claim 17 (Original): The method of claim 16, wherein the processing resource is a
2 test system.

1 Claim 18 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks by a system controller, the plurality of tasks configured to be processed by a
3 plurality of processing resources in a distributed processing framework (DPF) system, the
4 method comprising:

5 loading [[a]] the plurality of tasks to be executed;
6 allocating a respective processing resource of the plurality of processing resources to
7 execute each task of the plurality of tasks before proceeding to a next operation;

8 deploying a first task of the plurality of tasks to a first processing resource of the
9 plurality of processing resources;

10 deploying a second task of the plurality of tasks to a second processing resource of the
11 plurality of processing resources upon receiving a result of an execution of the first task; and
12 releasing the plurality of processing resources upon receiving a result of execution for
13 each of the plurality of tasks.

14 wherein each processing resource is configured to be allocated to a respective task
15 continuously until each aspect of the task is executed or an aspect of the task causes an
16 execution of the task to discontinue.

1 Claim 19 (Original): The method of claim 18, further including,
2 caching the result of the execution for each of the plurality of tasks.

1 Claim 20 (Currently Amended): The method of claim 18, wherein allocating the
2 respective processing resource to execute each task of the plurality of tasks includes,
3 searching a registry service for the processing resource having a plurality of attributes
4 identical to a plurality of attributes of each task; and
5 allocating each of the processing resources having a plurality of attributes identical to
6 the plurality of each ~~of the tasks~~ task for the execution of the task having the identical
7 attributes.

1 Claim 21 (Original): The method of claim 18, wherein the registry service is a look
2 up service.

1 Claim 22 (Original): The method of claim 18, wherein the DPF is a distributed test
2 framework (DTF) system.